High-Mu Triple Triode

9-PIN MINIATURE TYPE

GENERAL DATA

Electrical:

Heater, for Unipotential Cathodes:

Voltage (AC or DC)	6.3 ± 10%	volts
Current at 6.3 volts	0.45	amp

Direct Interelectrode Capacitances (Approx.):

	Without External Shield	*With External Shield*[a]	
Grid to plate (Each Unit)	1.5	1.5	μμf
Grid of unit No.1 to cathode of unit No.1 & cathode of unit No.2, and heater	2.4	2.6	μμf
Grid of unit No.2 to cathode of unit No.2 & cathode of unit No.1, and heater	2.4	2.6	μμf
Grid of unit No.3 to cathode of unit No.3 and heater	2.4	2.6	μμf
Plate of unit No.1 to cathode of unit No.1 & cathode of unit No.2, and heater	0.21	1.4	μμf
Plate of unit No.2 to cathode of unit No.2 & cathode of unit No.1, and heater	0.4	1.2	μμf
Plate of unit No.3 to cathode of unit No.3 and heater	0.36	1.2	μμf
Heater of unit No.3 to cathode of unit No.3	0.17	0.15[b]	μμf

Characteristics, Class A_1 Amplifier (Each Unit):

Plate Voltage	125	volts
Grid Voltage	−1	volt
Amplification Factor	57	
Plate Resistance (Approx.)	13600	ohms
Transconductance	4200	μmhos
Plate Current	4.2	ma
Grid Voltage (Approx.) for plate μa = 20	−4	volts

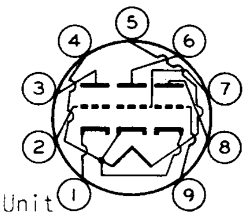
Mechanical:

Operating Position	Any
Maximum Overall Length	2-3/16"
Maximum Seated Length	1-15/16"
Length, Base Seat to Bulb Top (Excluding tip)	1-9/16" ± 3/32"
Diameter	0.750" to 0.875"
Dimensional Outline	See *General Section*
Bulb	T6-1/2
Base	Small-Button Noval 9-Pin (JEDEC No.E9-1)

6EZ8

Basing Designation for BOTTOM VIEW. 9KA

Pin 1 - Cathode of Unit No.3
Pin 2 - Grid of Unit No.3
Pin 3 - Plate of Unit No.3
Pin 4 - Cathode of Unit No.2, Cathode of Unit No.1, Heater



Pin 5 - Heater
Pin 6 - Plate of Unit No.2
Pin 7 - Grid of Unit No.2
Pin 8 - Plate of Unit No.1
Pin 9 - Grid of Unit No.1

AMPLIFIER — Class A_1

Unless Otherwise Specified, Values are for Each Unit

Maximum Ratings, *Design-Maximum Values:*

PLATE VOLTAGE	330 max.	volts
GRID VOLTAGE:		
Negative-bias value	50 max.	volts
Positive-bias value	0 max.	volts
PLATE DISSIPATION	2 max.	watts
TOTAL PLATE DISSIPATION (ALL PLATES).	5 max.	watts
HEATER-CATHODE VOLTAGE (Unit No.3):		
Heater negative with respect to cathode . .	100 max.	volts
Heater positive with respect to cathode . .	100 max.	volts

[a] With external shield JEDEC No.315 connected to cathode of unit under test except as noted.
[b] With external shield JEDEC No.315 connected to ground.